

Spokane County

<http://www.solidwaste.org>

Demographics		2002 Estimates (Except Where Noted)	Other Spokane County Facts	
Washington State Population:	6,041,700		Percent in Households where English is Spoken Less than "Very Well" (Population Age 5 and Above, 2000):	Less than 3.0%
County Population:	425,600		Military Bases within County:	Fairchild Air Force Base
County Population Density (persons/sq mi):	241.32		Universities/Community Colleges:	Eastern Washington University Gonzaga University Washington State University at Spokane Whitworth College Institute for Extended Learning Spokane Community College Spokane Falls Community College
Total County Households:	178,779		Land area of County (square miles):	1,763.6
2000 Per Capita Personal Income (Inflation-Adjusted to 2000 Dollars):	\$22,000 and above		Native American Tribes	Kalispel
Percent of county households with income below the poverty level, 1999:	12		Federally Recognized (Yes/No):	?
Spokane County Government Legislative Authority			Size of Tribal Land (Acres):	?
Type of Body	Board of County Commissioners		Reservation or Land Trust Population, 2000:	?
Number of Members	3		Treaty or Reservation Instrument:	?
Term	4 years			
Meeting Date and Time	Commissioners Board Meetings/Non Hearing items are held every Tuesday at 2pm; Commissioners Board Meetings/Hearing Items are held on the first and third Tuesday of the month at 5pm			
Meeting Location	Public Works Building, Commissioners Assembly Room			

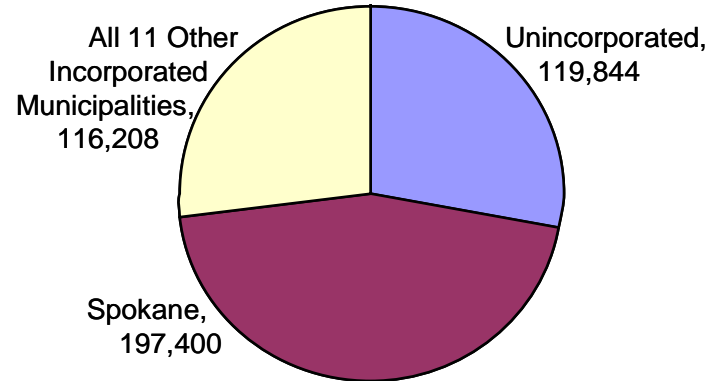
Populations and Land Areas for Spokane County Municipalities, 2002

Unincorporated Population (est. 2002)	201,453
Incorporated Population (est. 2002)	224,147

Municipalities	Population (est. 2002)	2002 Land Area (sq. mi.)	2002 Est. Density (pop/sq. mi.)
Airway Heights	4,590	5.044	905.07
Cheney	9,470	4.015	2,317.57
Deer Park	3,055	6.909	440.73
Fairchild AFB	4,357	6.500	670.31
Fairfield	586	2.532	233.02
Latah	194	0.300	666.67
Liberty Lake	4,640	4.000	1,120.00
Medical Lake	4,215	3.648	1,064.88
Millwood	1,655	0.664	2,493.41
Rockford	533	0.645	775.76
Spangle	275	0.347	834.83
Spokane	197,400	59.042	3,311.18
Spokane Valley	82,005	38.5	2,130.00
Waverly	138	0.411	321.09

Spokane County Population by Selected Categories, 2003

Washington State Office of Financial Management Estimated
Spokane County Population, 2002 = 14,600



Spokane County Solid Waste Contacts, 2003:

Departments:	Spokane Regional Solid Waste System	Spokane Regional Solid Waste System	City of Spokane	City of Spokane	Spokane Regional Solid Waste System	Spokane County Public Works	Spokane Regional Health District
Name:	Dennis Hein	Damon Taam	Scott Windsor	Monica Bramble	Suzanne Tresko	Mike Pannek	Steve Holderby
Title:	Director	Contract Manager	MRW Contact	Disposal Operations Supervisor	Recycling Contact	Director/Litter Contact	Solid Waste Contact: Environmental Health Specialist
E-mail Address:	dhein@spokanecity.org	dtaam@spokanecity.org	swindson@spokanecity.org	mbramble@spokanecity.org	stresko@spokanecity.org	mpannek@spokane-county.org	sholderby@spokane-county.org
Web Site:	http://www.solidwaste.org	http://www.solidwaste.org	http://www.solidwaste.org	http://www.solidwaste.org	http://www.solidwaste.org	Litter specific web site not found.	http://www.srhd.org/safety/waste-septic/default.asp
Mailing Address:	1225 E. Marietta Spokane, WA 99207	808 W. Spokane Falls Blvd. Spokane, WA 99201-3333	1225 E. Marietta Spokane, WA 99207	1225 E. Marietta Spokane, WA 99207	808 W. Spokane Falls Blvd. Spokane, WA 99201-3333	PO Box 19202 Spokane, WA 99219	1101 W. College Ave Spokane, WA 99201
Phone Number:	(509) 625-7806	(509) 625-6532	(509) 625-7898	(509) 625-7893	(509)625-6529	(509) 477-1534	(509) 324-1571
Fax Number	(509) 625-7899	(509) 625-6537	(509) 625-7899	(509) 625-7899	(509) 625-6537	(509) 625-3408	(509) 324-3603
TDD:							(509) 324-1464

Note: Public solid waste planning and public facility ownership and disposal operations within the geographic area of Spokane County are accomplished by the Spokane Regional Solid Waste System (SRSWS), functioning as a department of the City of Spokane. SRSWS contracts with various public and private entities to perform the operational aspects.

Spokane County Solid Waste and Moderate Risk Waste Planning Status, 2003		Coordinated Prevention Grants (CPG) 2002 – 2003 Grant Cycle: Funding by Task in Dollars			
County Comprehensive Solid Waste Management Plan: Current Status (Yes/No)	Yes	Grant Fundable Activity	Recipient	Recipient	Total
			Spokane Regional HD	Spokane Regional Solid Waste	
Year Approved:	1998 – combined with the Solid Waste Plan.	Hazardous Waste Planning and Evaluation	—	—	0
		Household Hazardous Waste Implementation (of county plan)	—	78,000	78,000
Waste Reduction/Recycling Goal:	50% Recycling by 2008	Household Hazardous Waste Collection and Disposal	—	315,000	315,000
		Moderate Risk Waste – Capital (costs)	—	—	0
Comments: Process to update current plan has been initiated. Note: Spokane County solid waste is regulated by numerous Interlocal Agreements between Spokane County and the City of Spokane with all of the other regional cities, as well as Fairchild Air Force Base.		Small Quantity Generator (technical assistance and education)	—	7,500	7,500
		Solid Waste Planning	—	—	0
Moderate Risk Waste Plan: Year Current MRW Plan Approved:	1993	Solid Waste Enforcement	140,000	—	140,000
		Ground Water Monitoring Wells	—	—	0
MRW Plan Combined with County's Comprehensive Solid Waste Management Plan? (Yes/No)	No	Waste Reduction and Recycling Activities	—	480,820	480,820
		Waste Reduction and Recycling Capital (costs)	—	12,295	12,295
Comments: NONE		Biomedical Waste	—	—	0
		Total	140,000	893,615	1,033,615

Pilot Grants 2002 – 2003 Cycle: Funding by Task in Dollars							
RECIPIENT	Electronics	Waste Reduction Recycling	Organics	Mercury	Waste Characterization Study	Sustainability	Portion of \$2Million Pilot Funding
NONE							
						Total	

Spokane County Ordinances and Resolutions Related to Solid Waste	
From Spokane County Draft Solid Waste Management Plan:	
Ordinance Number	General Ordinance Description
Chapter 6, Title 1	Rules and Regulations for Solid Waste Management and Handling: Adopted and expanded on WAC 173-304
Resolution Number	General Resolution Description
Note:	

Solid Waste Infrastructure in Spokane County

Permitted Solid Waste Handling Facilities in Spokane County – March 2004

Facility Type	Name	Public/ Private	Owner
Inert Waste Landfill & Recycling	Spokane Rock Products	Private	Spokane Rock Products
Inert Waste Landfill & Recycling	Central Pre-Mix Recycling (8th & Carnation)	Private	Central Pre-Mix
Inert Waste Landfill & Recycling	Inland Crestline Recycling	Private	Central Pre-Mix
Inert/Demolition Waste Facility	Kaiser-Mead Inert & Demolition Site	Private	Kaiser Aluminum
Inert/Demolition Waste Facility	Whitman College Site	Private	Spokane Rock Products
Inert/Demolition Waste Facility	Busy Bee Landfill	Private	Busy Bee Landfill
Inert Waste Pile & Recycling	Shamrock Paving Company	Private	Shamrock Paving Company
Inert Waste Facility	Inland Asphalt Landfill	Private	Inland Asphalt Landfill
Transfer Station	Sunshine Recyclers' Transfer Station	Private	Sunshine Disposal, Inc.
Transfer Station	Stericycle	Private	Stericycle, Inc.
Transfer Station	North County Transfer Station	Public	City of Spokane Solid Waste
Transfer Station	Valley Transfer Station	Public	City of Spokane
Energy Recovery/Incinerators Facility	Inland Empire Paper	Private	Inland Empire Paper Company
Energy Recovery/Incinerators Facility	Spokane Regional Waste to Energy Facility	Public	Spokane Regional Solid Waste System
Municipal Solid Waste Landfill	Northside Landfill	Public	City of Spokane
Recycling Facility	Kevin Koesel Farm (Land Application)	Private	Kevin Koesel Farm
Limited Purpose/Special Use Facility	Graham Road Recycling & Disp	Private	Waste Management Inc.
Pile Facility (Storage or Treatment)	Remtech	Private	Remtech, Inc.
Compost	Cheney Compost	Public	City of Cheney

Note:

Disposal Site Summary for Spokane County (reported in tons) – 2001

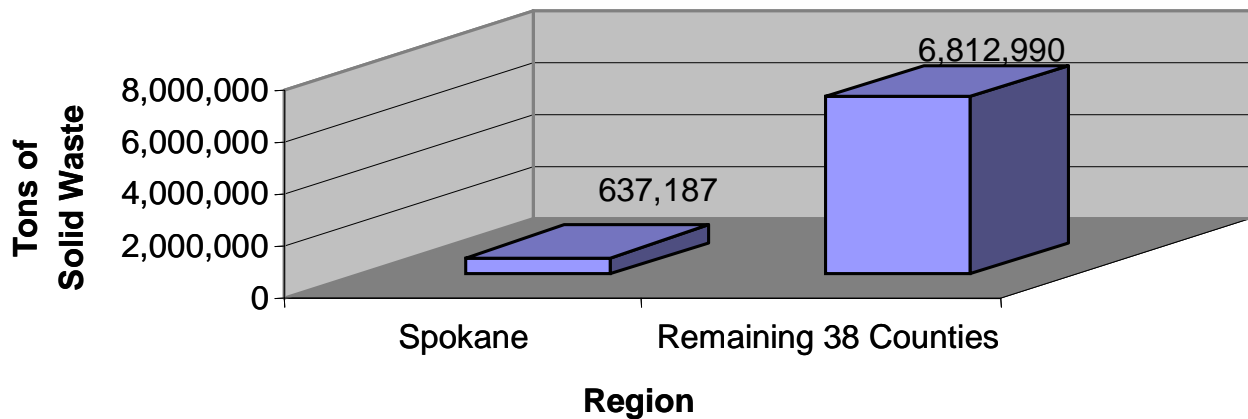
Facility	County	MSW	Demolition	Industrial	Inert	Commercial	Wood	Sludge	Asbestos	PCS	Tires	Medical	Other	TOTAL
Central Pre-Mix Inert and Demolition	Spokane	—	—	—	10,000	—	—	—	—	—	—	—	—	10,000
Inland Crestline Recycling Inert and Demolition	Spokane	—	—	—	51,250	—	—	—	—	—	—	—	—	51,250
Kaiser-Mead Inert and Demolition Landfill	Spokane	—	100	—	806	—	—	—	—	—	—	—	—	906
Whitman College Site Inert and Demolition Landfill	Spokane	—	28,277	—	—	—	—	—	—	—	—	—	—	28,277
Busy Bee Inert and Demolition Landfill	Spokane	—	6,858	—	5,891	—	—	—	—	—	—	—	—	12,749
Inland Asphalt Inert and Demolition	Spokane	—	—	—	50,000	—	—	—	—	—	—	—	—	50,000
Roosevelt Regional Landfill	Klickitat	33,396	24,856	3,245	—	—	223	—	1	2,628	—	—	—	64,349
Greater Wenatchee Regional Landfill & Recycling Center	Douglas	—	—	—	—	—	—	—	—	—	—	—	201	201
North Side Landfill	Spokane	2,840	8,546	—	—	—	—	—	—	—	—	—	—	11,386
Graham Road Landfill	Spokane	—	45,505	2,853	19,161	—	1,426	—	1,155	11,569	32	—	20,546	102,247
Columbia Ridge, OR	Oregon	—	11	93	—	—	—	—	—	144	—	—	—	248
Spokane Regional Waste To Energy Facility	Spokane	257,983	—	—	—	—	—	—	—	—	—	—	—	257,983
County Total		294,219	148,204	6,191	141,576	0	10,721	0	1,156	14,341	32	0	20,747	637,187

**2001 Disposal Site Capacity Summary for Solid Waste Facilities Accepting Waste Generated in
Spokane County, Including All Landfills and Energy Recovery**

DISPOSAL SITE	Disposal Site Location	Remaining Permitted Capacity - Tons	Remaining Permitted Capacity - Years	Anticipated Closure Date	Facility Reported Tip Fees
North Side Landfill	Spokane	53,130	10	2012	\$97.00
Roosevelt Regional Landfill	Klickitat	133,779,000	71	2073	\$19.75
Greater Wenatchee Regional Landfill & Recycling Center	Douglas	1,277,094	12	2014	\$13.67 per compacted yard
Graham Road Landfill	Spokane	Unknown	60	2062	Unknown
Columbia Ridge, OR	Oregon	Unknown	Unknown	Unknown	Unknown
Spokane Regional Waste To Energy Facility	Spokane	Unlimited	Unlimited	Unknown	\$98.00 per ton (2004 rate)
Inland Empire Paper	Spokane	Unknown	Unknown	Unknown	Unknown
Whitman College Site Inert and Demolition Landfill	Spokane	Unknown	20	Unknown	Unknown
Kaiser-Mead Inert and Demolition Landfill	Spokane	Unknown	30	Unknown	Unknown
Inland Crestline Recycling Inert and Demolition	Spokane	Unknown	10	2013	Unknown
Inland Asphalt Inert and Demolition	Spokane	Unknown	6	2008	Unknown
Central Pre-Mix Inert and Demolition	Spokane	Unknown	3	2005	Unknown
Busy Bee Inert and Demolition Landfill	Spokane	Unknown	4	2006	Unknown

Tons of Solid Waste Disposed by Specific Regions 2001: Comparison of Spokane County to Sum of Remaining 38 Washington State Counties

2001 Washington State Solid Waste Disposal Total = 7,450,177 tons
(Source: Washington State Department of Ecology)



Tons of Material Composted in Spokane County (by permitted facility) – 2001

Compost Facility Name	Yard waste	Other wood waste	Sawdust	Biosolids	Vegetative food waste	Manure	Post consumer food waste	Mixed municipal solid waste	Other	Total
City of Cheney - Wastewater Division	2,200.00	1,200.00	—	240.00	—	—	—	—	—	3640

Notes:

**Washington State Utilities and Transportation Commission (WUTC) Permitted Solid Waste Carriers
in Spokane County (November 4, 2002)**

Registered Trade Name of Solid Waste Company	Service Area	Certificate# (G permit)	Tariff #	Collect and Transport: MSW	Collect and Transport: Recyclables	Collect and Transport: Yard Waste	Residential Disposal Rates for Weekly Garbage Service by Container (Monthly charge in dollars)	Recycle Service Charge (When Taken With MSW Service)	Commercial Disposal Rates for Company Owned Containers (per Pickup, Non-Compacted Material)	Referenced Service Level Ordinances
Empire Disposal, Inc	Southeast quarter of Spokane County	G-75	11	Y	N	N	20 gallon mini-can \$11.60; 32 gallon can/unit \$14.05; 90 gallon toter \$26.25; Multi can/unit service up to 6	Not Applicable	1 yard dumpster \$13.05; 1.5 yard dumpster \$19.45; 2 yard dumpster \$25.80; 3 yard dumpster \$36.10; 4 yard dumpster \$47.75; 6 yard dumpster \$69.05; 8 yard dumpster: \$90.10	None Indicated
Notes: None										
Newman Lake Garbage	Northeastern portion of Spokane County surrounding Newman Lake	G-171	5	Y	N	N	10 gallon micro-mini-can \$9.75; 20 gallon mini-can \$11.54; 30 gallon can/unit \$14.88; Multi can/unit service up to 5 offered.	Not Applicable	1.5 yard dumpster \$21.35; 2 yard dumpster \$25.75	None Indicated
Notes: None										
Sunshine Disposal Inc.	Drop box only, central Spokane County	G-199	7	Y	N	N	This service not defined in this tariff for this service area.	Not Applicable	This service not defined in this tariff for this service area.	None Indicated
Notes: SINGLE FAMILY RESIDENTIAL SERVICE: Not provided by this company for this service area COMMERCIAL SERVICE: Only commercial drop box service provided by this company in this service area.										
Washington Waste Hauling & Recycling, Inc. DBA Waste Management of Spokane	Northern and western portions of Spokane County	G-237	2	Y	N	N	20 gallon mini-can \$11.15; 32 gallon can \$15.05; 32 gallon toter \$16.30; 64 gallon toter \$23.80; 96 gallon toter \$31.30; Multi can/unit service up to 6 offered.	Not Applicable	1.5 yard dumpster \$19.60; 2 yard dumpster \$23.05; 3 yard dumpster \$30.30; 4 yard dumpster \$37.55; 6 yard dumpster \$52.45; 8 yard dumpster: \$66.55	None Indicated
Notes: None										
Washington Waste Hauling & Recycling, Inc. DBA Waste Management of Spokane	Central Portion of Spokane County required to receive recycling service (See note)	G-237	2	Y	Y	Y	20 gallon mini-can \$11.15; 32 gallon can \$15.05; 32 gallon toter \$16.30; 64 gallon toter \$23.80; 96 gallon toter \$31.30; Multi can/unit service up to 6 offered.	\$3.36	1.5 yard dumpster \$19.60; 2 yard dumpster \$23.05; 3 yard dumpster \$30.30; 4 yard dumpster \$37.55; 6 yard dumpster \$52.45; 8 yard dumpster \$66.55	Spokane County Resolution # 910538
Notes: None										

**Washington State Utilities and Transportation Commission (WUTC) Permitted Solid Waste Carriers
in Spokane County (November 4, 2002)**

CONTINUED

Registered Trade Name of Solid Waste Company	Service Area	Certificate# (G permit)	Tariff #	Collect and Transport: MSW	Collect and Transport: Recyclables	Collect and Transport: Yard Waste	Residential Disposal Rates for Weekly Garbage Service by Container (Monthly charge in dollars)	Recycle Service Charge (When Taken With MSW Service)	Commercial Disposal Rates for Company Owned Containers (per Pickup, Non-Compacted Material)	Referenced Service Level Ordinances
Waste Management of Washington, Inc. DBA Valley Garbage Service Company	Portion of rural unincorporated central Spokane County	G-237	7	Y	N	N	20 gallon mini-can \$8.18; 32 gallon can \$10.72; 32 gallon toter \$11.97; 64 gallon toter \$18.52; 96 gallon toter \$26.00; Multi can/unit service up to 5 offered.	Not Applicable	1 yard dumpster \$11.45; 1.5 yard dumpster \$16.30; 2 yard dumpster \$20.10; 3 yard dumpster \$28.20; 4 yard dumpster \$37.05; 6 yard dumpster \$52.50; 8 yard dumpster \$64.30	None Indicated
Notes: None										
Waste Management of Washington, Inc. DBA Valley Garbage Service Company	Portion of urban unincorporated central Spokane County plus town of Millwood, cities of Spokane Valley and Liberty Lake, and portions of the City of Spokane.	G-237	7	Y	Y	Y	20 gallon mini-can \$9.97; 32 gallon can \$12.51; 32 gallon toter \$13.76; 64 gallon toter \$20.31; 96 gallon toter \$27.79; Multi can/unit service up to 5 offered.	\$1.79	1 yard dumpster \$11.45; 1.5 yard dumpster \$16.30; 2 yard dumpster \$20.10; 3 yard dumpster \$28.20; 4 yard dumpster \$37.05; 6 yard dumpster \$52.50; 8 yard dumpster \$64.30	None Indicated
Notes: None										
Waste Management of Washington, Inc. DBA Western Refuse Company	Western portion of Spokane County	G-237	12	Y	N	N	20 gallon mini-can \$13.30; 32 gallon can \$17.75; 32 gallon toter \$19.00; 64 gallon toter \$24.80; 96 gallon toter \$30.60; Multi can/unit service up to 5 offered.	Not Applicable	1 yard dumpster \$16.15; 1.5 yard dumpster \$22.10; 2 yard dumpster \$26.10; 3 yard dumpster \$38.20; 4 yard dumpster \$49.30; 6 yard dumpster \$65.40; 8 yard dumpster \$78.40	None Indicated
Notes: None										

General Notes for WUTC table on previous page

- The above solid waste carrier information is portrayed **for WUTC regulated solid waste carriers only**.
- Categories of solid waste customers defined by the WUTC include: single family residential, multi-family residential and commercial. **Multi-family rates are not depicted here.**
- Categories of commercial solid waste collection service as defined by the WUTC include: "Container Service - Non-Compacted - Company-owned container"; "Container Service - Non-Compacted - Customer-owned container"; "Container Service - Compacted - Company-owned container"; "Container Service - Compacted - Customer-owned container"; "Drop Box Service - Non-Compacted - Company-owned drop box"; "Drop Box Service - Non-Compacted - Customer-owned drop box"; "Drop Box Service - Compacted - Company-owned drop box"; "Drop Box Service - Compacted - Customer-owned drop box". **The only Commercial rates provided here are: "Container Service - Non-Compacted - Company-owned container".**
- According to statute, Washington State cities have the authority to contract for solid waste hauling services and associated billing, or to provide their own municipal collection service. Counties have not been granted this option by the legislature. However, statute does direct the WUTC to require regulated solid waste collection companies to comply with the service levels set in the local solid waste management plan. The WUTC defines the service area and monetary collection rates for private firms that service all county residents, as well as for private firms that service those municipalities which do not provide garbage collection service or contract for such service.
- **Of the 280 cities in Washington, 187 take advantage of their option to contract for service or provide their own service. Consequently, the WUTC regulates the solid waste haulers that service approximately 49% of the state's population.** (This includes 40% of the state's population that resides in unincorporated areas, and 9% of the state's population that resides in incorporated areas.)
- Currently, there appears to be no complete tabulation of solid waste collection rates charged to residents of Washington State municipalities is available, and thus there is incomplete knowledge of the direct economic impacts of solid waste disposal on approximately 51% of the state's population.
- [A Certificate \(or "G-permit\) means the certificate of public convenience and necessity issued by the Washington Utilities and Transportation Commission](#) under the provisions of chapter 81.77 RCW for the operation of solid waste collection companies.
- A tariff names rates for the collection, transportation, and disposal of solid waste, and if noted, recycling and yard waste (a document outlining rates, terms and conditions for providing service.) While the G-permit provides an overall legal description of the geographical area in which a carrier is allowed to operate, a tariff defines rates for services and service areas within the geographical area defined in the G-permit. Further, tariffs define the rates a permitted solid waste carrier charges to its residential, multifamily and commercial customers

Major Public Works and Jurisdictional Health Department Solid Waste Activities in Spokane County, 2003

Activity Category and Local Program	X = Present	Clarifying Comments as Needed	Activity Category and Local Program	X = Present	Clarifying Comments as Needed
Composting			Moderate Risk Waste (MRW)		
Home Composting	X		MRW Fixed Facility	X	
Master Composter	X		MRW Mobile or Satellite Programs		
Native Planting/Xeriscaping	X		MRW Collection Events	X	
Mulching Mower/Grasscycling	X	Education materials			
Master Gardener	X	Through WSU Cooperative Extension program	Toxics Reduction Education and Outreach	X	
Curbside Yard Waste Collection	X	In the City of Spokane, City of Spokane Valley, and unincorporated areas that meet service level requirements.	On-site Business Small Quantity Generator SQG/MRW Audits	X	
Fixed Wood Chipping Operations	X	Provided by private business.	Conditionally Exempt Small Quantity Generator (CESQG) collection	X	
Mobile Wood Chipping Operations	X	Provided by private business.	Persistent Bioaccumulative Toxins (PBT)		
Agricultural Waste Management and Technical Assistance					
Food Composting Programs			Pesticide Reduction Education for the Public		
Rate Structures Encourage Yard Waste Diversion		Reduced rate for "Clean Green" YW at regional transfer stations and Waste to Energy facility; residential curbside YW pick-up is an additional charge, but allows customer to downsize to a smaller, therefore less expensive garbage can.	Pesticide Reduction Education for Business		
Built Environment			Mercury Reduction Education for the Public		
Building Industry Education Program	X	Public works has participants in REBAR.	Mercury Reduction Education for Business		
Green Building Codes and or Policy			Partnerships		
Building Material Reuse/Exchange Program	X	www.2good2toss.com ; several private for profit and non-profit building material reuse and exchange operations.	Product Stewardship - Electronics	X	Spokane Regional Solid Waste System staff have attended meetings/conferences on the topic.
Demonstration Buildings	X	Public works has participants in REBAR, which has building projects.	Product Stewardship - Mercury	X	""
Green Building Certification Programs			Product Stewardship - Pesticides	X	""
Green Built Recognition (Construction Works)			Product Stewardship - Solid Waste	X	""
Residential Waste Reduction and Recycling (WRR)			Regional Programs - All Categories <u>Please List:</u>		
Public Education and Program Promotion	X		<u>Programs:</u> Eastern Washington shared education programs, Spokane Youth Environmental Conference, The Green Zone		
Curbside recycling	X		<u>Partners:</u> Spokane County Air Pollution Control Authority, Wash. State Dept. of Natural Resources, Washington State Univ. Extension, Spokane County Water Quality Programs, Avista Utilities, WDOE, Wash. State Fish and Wildlife, Spokane County Conservation District		
Drop box recycling	X				
School Recycling Program	X				

**Major Public Works and Jurisdictional Health Department Solid Waste Activities in
Spokane County, 2003**

CONTINUED

Activity Category and Local Program	X = Present	Clarifying Comments as Needed	Activity Category and Local Program	X = Present	Clarifying Comments as Needed
Residential Waste Reduction and Recycling (WRR) CONTINUED			Solid Waste Enforcement		
Special Collection Events		City of Spokane YW and appliance neighborhood collection events (appliance hulks are recycled after freon extracted.)	Illegal Dumping Prosecution	X	
Rate Structures that Encourage Recycling	X		Illegal Dumping Prevention		
Waste Exchange Program	X	www.2good2toss.com	Mandatory Collection Service	X	In the City of Spokane.
Waste Reduction Program	X	Numerous school, citizen, and programs, brochures, newsletters, and Recycling Hotline 509-625-6800	Enforcing Solid Waste Codes	X	
Commercial Waste Reduction & Recycling			Permit Reviews	X	
Commercial Recycling Education Program	X	Waste Reduction Audit Program (WRAP) is a free service to audit businesses regarding their waste practices.	Ensuring Compliance at Permitted Solid Waste Facilities	X	
Curbside Recycling	X		Ensuring Compliance at Permitted Land Application Sites	X	
Rate Structure that Encourages Recycling	X	Increased recycling allows for smaller, less expensive SW dumpster.	Additional Comments:		
Waste Exchange Program		Local Pacific Materials Exchange (PME) refers interest to IMEX in King County.			
On-site Commercial Waste Audits	X	Waste Reduction Audit Program (WRAP)			

Diversion, Recycling , Moderate Risk Waste and Waste Disposal

2001 Materials Collected for Recycling & Diversion in Spokane County as reported to the Washington State Department of Ecology by 43 Collectors (Material Sources = Commercial and Residential)				Sites in Spokane County Accepting Specific Recyclable Materials in 2003 (Commercial &/or Residential)		
Reported Materials Collected for Recycling in Spokane County		Reported Materials Diverted From Disposal in Spokane County		Material	# in County	# in State
X	Aluminum Cans	X	Antifreeze	Appliances	8	176
	Aseptic Packaging	X	Asphalt and Concrete	Batteries	23	372
X	Computers		Asphalt Roofing Shingles	CDL Construction Debris	9	159
X	Container Glass		Bricks	Electronics	5	48
X	Corrugated Paper	X	Composting Furnish	Glass	9	329
X	Ferrous Metals		Computer (Refurbished)	HHW Household Hazardous Waste	4	63
X	Fluorescent Light Bulbs		Construction & Demolition Debris	Metals	19	466
X	Food Waste (post-consumer)		Food Processing Waste	Used oil	27	508
	Ground Rubber (from retreads)	X	Household Batteries	Paper	16	461
X	Gypsum		Incinerator Ash	Plastic	26	394
X	HDPE Plastics		Industrial Batteries	Other/misc.	10	133
X	High Grade		Land Clearing Debris	Note: In this report, "site" refers to a physical location to which households and/or businesses can take a material for recycling. An individual site often accepts more than one type of material; therefore, along the line for a given county, adding the figures below each material heading will result in a sum greater than the figure under "Total Sites".		
X	LDPE Plastics	X	Oil Filters			
X	Mixed Waste Paper		Paint			
X	Newspaper		Rail Road Ties			
X	Non-Ferrous Metals	X	Rebound Carpet Pad			
X	Other Recyclable Plastics		Reuse-Clothing & Household Items			
X	Other Rubber Materials (Shoes)		Reuse - Construction & Demolition			
X	PET Bottles	X	Reuse – Miscellaneous Items			
X	Photographic Film		Sweepings and Grit			
X	Rendering		Tires (for Energy Recovery			
X	Textiles (rags, clothing, etc.)	X	Tires (Reused/Resold)			
X	Tin Cans	X	Used Oil for Energy Recovery			
X	Tires					
X	Used Oil					
X	Vehicle Batteries					
X	White Goods					
X	Wood Waste					
X	Yard Waste					

2001 Participant levels and amounts of HHW and total MRW collected by Spokane County, as reported to the Washington State Department of Ecology

	County Totals	Washington State Totals	County Percentage of State Total
County	Spokane		
County Population (from http://www.census.gov)	422,400	5,970,247	7.08
Total HHW lbs (no Used Oil)	443,600	15,638,009	2.84
Used Oil lbs. (see note 1)	682,280	11,280,112	6.05
CESQG lbs.	—	978,732	—
MRW lbs.	1,125,880	27,896,853	4.04
Number of County Housing Units (see note 2)	176,853	2,511,054	7.04
MRW lbs./housing unit	6.37		
Total HHW Participants	37,251	148,697	25.05
% Participation	0.21		
HHW Cost/Participant	\$17.29		

Note 1: "US pounds - used oil collected at specific used oil sites"

Note 2: "H.U. Housing Units equals number of households taken from Office of Financial Management, 2001 Data Book"

Note 3: "NR - Not Reported"

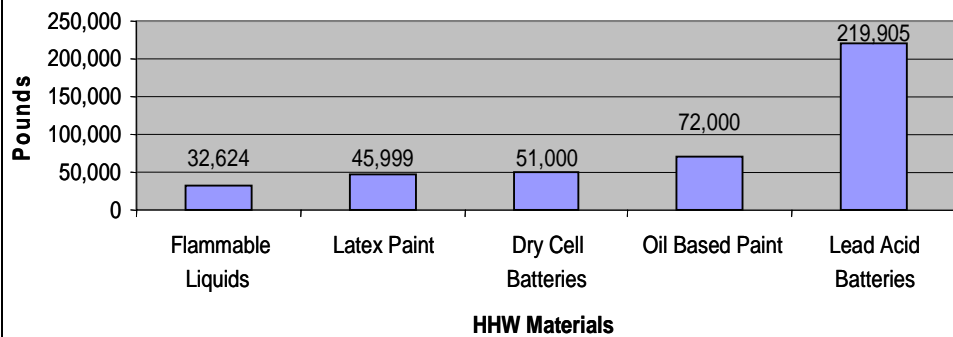
Note 4: "NA - Not applicable because data not reported"

2001 Specific Waste Types Collected by Spokane County: HHW & CESQG (Pounds)

Waste Type	Pounds HHW Collected	Pounds CESQG Collected
Acids	1,986	
Acids, aerosols	—	
Antifreeze	—	
Bases	2,277	
Bases, aerosols	—	
CFC/ Freon	—	
CFC/ Freon filters	—	
Chlorinated Solvents	—	
Batt:N,L,NIMH	10,000	
Dry Cell Batteries	51,000	
Flammable Solids	—	
Flammable Liquids	32,624	
Flammable Liquids, aerosols	—	
Flammable Liquids Poison	—	
Flammable Liq. Pois.(aerosols)	—	
Flammable Gas	—	
Flammable Gas Poison	800	
Flammable Gas Pois.(aerosols)	—	
Latex Paint	45,999	
Lead Acid Batteries	219,905	
Oil Based Paint	72,000	
Oil Contaminated	—	
Oil Filters	—	
Oil Filters Crushed	—	
Oil Non-Contaminated	—	
Oil with Chlorides	—	
Oil with PCBs	—	
Other Dangerous Waste	—	
Organic Peroxides	—	
Oxidizers	800	
Personal Protect. Equip.	—	
Pesticide/Poison Liq	3,733	
Pesticide/Poison Sol	2,430	
Reactives	—	
Mercury	46	
TOTALS	443,600	

Five Greatest Household Hazardous Waste (HHW) Materials Collected by Spokane County, 2001 (Pounds)

(Source: Washington State Department of Ecology)



Five Greatest CESQG Materials Collected by Spokane County, 2001 (Pounds)

No graphic because no activity reported.

Washington State Litter Tax Funded Litter Program Activity in Spokane County, 2001

Roads	Interstate	State	County	Total	% of State total	Rank in State		
Center Line Miles	45	211	2,949	3,205	6.75	1		
Miles Driven (thousands)	1,999	2,057	2,437	6,493	6.00	4		
Area (Square Miles)				1,764	2.65	19		
DOT Rating	1999	2000	2001					
	3.7	3.7	4.0					
Litter Program	Hours	Miles	Acres	Number of Dumps	Litter Pounds	Illegal Dump Pounds	Recycle Pounds	Total Pounds
Ecology Youth Corps (EYC)	3,058	255	31	—	21,660	—	6,660	31,664
Community Litter Cleanup Program (CLCP)	4,851	538	—	—	24,533	27,979	—	57,901
Department of Corrections (DOC)	11,055	583	376	3	123,615	1,785	—	137,417
Department of Natural Resources (DNR)	725	—	30	8	500	26,460	—	27,723
Total	19,689	1,376	437	11	170,308	56,224	6,660	254,705

Note: DNR does not report recycling separately.

Community Litter Cleanup (CLCP) 2002-2003 Grant Cycle: Funding Applied by Task (\$)						Litter Education Efforts, Spokane County, 2002
Recipients	Task: Litter & Illegal Dumps	Task: Education	Task: Tools & Trucks	Total Contract Amount		Made use of State Ecology campaign materials for “Litter and It Will Hurt”.
Geiger Corrections Center	74,595	—	4,224	78,819		

Litter Crew Organization, Spokane County, 2002

A crew comprised of 8-10 inmates from Geiger Corrections Center will work 10 hours/day, at least 2 days/week cleaning up litter along city and county roads.

2002 Biosolids Production and Land Application Information in Dry Tons for Spokane County, (See footnotes)

Facility Name	Class of Biosolids	Compost Biosolids	Total Biosolids Produced	Total Land Applied	Total Land Applied: by Specific Application Site Categories							Landfilled	Incinerated	Transported to Another Facility	Name of "Transported To" Facility	Received from Another Facility	Name of "Received From" Facility and Associated Dry Tons
					Agricultural Land	Range Land	Forest	Public Contact Site	Reclamation Site	Sold/Given Away	Lawn Garden						
Cheney Biosolids Compost Facil	A	YES	242.8	242.8	—	—	—	—	—	242.8	—	—	—	—	—	—	—
Deer Park WWTP			—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fairfield WWTP			—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Freeman School Dist WWTP			—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Kaiser Aluminum Mead Works			—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Liberty Lake WWTP	B		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Liberty School Dist #362 WWTP			0.7	—	—	—	—	—	—	—	—	—	—	0.7	Pumpers	—	—
Medical Lake WWTP	B		117.57	—	—	—	—	—	—	—	—	—	—	117.57	Eko Compost, Lewiston, ID	—	—
Mullen Hill Terrace MH Park			1	—	—	—	—	—	—	—	—	—	—	1	Pumper	—	—
Rockford STP			—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Snowblaze Condos STP			—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Spangle WWTP			—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
COUNTY TOTAL			6886.07	6766.8	6524	0	0	0	0	242.8	0	0	0	119.27		0	
STATE TOTAL			94972.14	79282.89	57415.12	4417.09	8349.74	174.72	1729.2	4292.72	2904.3	3646.08	14988.03	25840.11		79282.89	

General Notes for Biosolids table on previous page

- 1) Data used here are gathered from individual facilities and consolidated into a main database from which this spreadsheet is derived. Referral to the actual report forms is suggested in order to resolve questions or before drawing conclusions.
- 2) Facilities which show zero production are for year 2002 only. Production amounts can vary by large amounts from year to year depending on lagoon cleanout operations, etc.
- 3) For the categories related to TRANSPORT TO and RECEIVED FROM, tonnage sums are totaled and reported in parentheses if the sums are different from that reported by the facility. Reasons for discrepancies are varied and need to be investigated on an individual basis if needed.
- 4) The term "ctd." means that the data for the facility is continued in another column where extra lines were used so that additional data could be included.
- 5) WWTP = Waste Water Treatment Plant; STP = Sewage Treatment Plant; BS = Biosolids; LSP = Lime Stabilization Plant; POTW = Publicly Owned Treatment Works.

Spokane County Solid Waste Priorities and Needs for the Near Future:

- Continue to emphasize waste reduction as an important component of Spokane's waste management system; fund waste reduction staff; maintain the system's waste reduction and recycling homepage; seek opportunities to combine waste reduction education and promotion with other environmental media such as air and water; All level 1 service area dwellings will have the opportunity to subscribe to weekly curbside collection of recyclables and collection of yard and garden waste
- Continue to fulfill the county's obligation of delivering 25,000 tons of yard waste to the regional composting facility
- Continue to consider land application of yard waste on agricultural properties as a demonstrated alternative for handling yard waste.
- Weekly collection service for refuse and recyclables for all Level 1 service areas
- Conduct waste stream audits and encourage the expansion of non residential recycling collection opportunities
- Evaluate the need to upgrade the scale facilities at the Colbert transfer station
- Evaluate the cost of expanding the Valley Transfer station
- Continue to assess the need for a new transfer station
- Continue operation of the WTE facility
- Evaluate potential technologies to process the WTE ash residue for reuse
- Monitor contaminated soils activities in the county and take enforcement action when warranted; monitor asbestos handling procedures in the county
- Investigate the potential to accept infectious waste at the WTE facility
- Prohibit the formation of tire piles
- Continue the biosolids land application program
- Implement disposal requirements that promote recovery over disposal
- Continue to collect and properly manage household hazardous waste; continue to encourage the private sector to collect used oil

Spokane County's Projected Solid Waste Income and Spending, 1999
(as compiled by Jeff Kelly-Clarke, Director, Snohomish County Public Works)

Spending

Total Spending	Waste Handling*	LF Monitoring	Waste Reduction and Recycling	Moderate Risk Waste	Planning	Administration	Debt Service	Other	Capital Facilities/Closure	To Fund Balance	Operating Budget
\$49,561,000	\$24,986,000	\$0	\$529,000	\$530,000	\$0	\$751,000	\$17,391,000	\$1,385,000	\$3,239,000	\$750,000	\$46,788,862

* "Waste Handling" includes transfer operations

Income

Total Revenue	Fees from Disposal	Other service fees	Dist./city fees	Grants	Interest	Electric Sales	Fund Balance	Other
\$49,561,000	\$31,865,000	\$0	\$0	\$446,800	\$310,000	\$13,000,000	\$3,758,000	\$181,000

Notes:

Web Links for Additional County by County Information

Description of Subject Matter	Website Address
State and County Census 2000 Profiles for Washington State	http://www.census.gov/prod/cen2000/dp1/2kh53.pdf
Washington Trends	http://www.ofm.wa.gov/trends/index.htm
Variety of County and City Data	http://www.ofm.wa.gov/localdata/index.htm